

METHOD AND BUSINESS PROCESS FOR THE ESTIMATION
OF MEAN PRODUCTION FOR ASSEMBLE-TO-ORDER
MANUFACTURING OPERATIONS

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Abstract of the Disclosure

10 A method for forecasting the mean production (the expected production) for a target
planning period is provided. To begin this method, a user, or planner chooses one or more
products for which the expected production is desired. The user then enters data describing each
selected product. The data entered for each product includes data describing the demand for that
product as well as data describing the components required for each product. Inter-product
dependencies are also entered. The expected production for each selected product for the target
planning-period is expressed as a sum of multidimensional integrals involving the data entered in
the previous two steps. Once formulated, the integrals are evaluated. The result of this
15 computation is then presented to the user.